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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/668,946 | 09/23/2003 | Paul R. Pierson | | 3310 |
| 7590 | 12/07/2004 | | EXAMINER | |
| Dale R. Lovercheck, Esquire DENTSPLY INTERNATIONAL INC. 570 West College Avenue York, PA 17405 | | | WALCZAK, DAVID J | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3751 | |

DATE MAILED: 12/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|------------------|----------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 10/668,946 | PIERSON ET AL. |
| | Examiner | Art Unit |
| | David J. Walczak | 3751 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 23 September 2003.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-14, 18, 19 and 21-30 is/are rejected.
- 7) Claim(s) 15-17 and 20 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 23 September 2003 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 12/17/03.
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: _____.

DETAILED ACTION

Abstract

The abstract of the disclosure is objected to because phrases which can be implied, such as "The invention provides (see line 1) should not be present therein. Correction is required. See MPEP § 608.01(b).

Drawings

The drawings are objected to because reference character H (page 5, line 15) is not present therein. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the

applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

The disclosure is objected to because of the following informalities: On page 8, lines 19-20, "inner container wall 113" should be --handle 20-- and on page 9, line 14, "inner portion 282" should be --upper portion 282-- (see page 9, line 12). Appropriate correction is required.

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: The claims are replete with limitations/terms which do not have antecedent basis in the specification, i.e., the parameters defined in claims 4-15, 21, 22, 24, 26 and 27 do not have antecedent basis in the specification. In regard to claim 15, the terms "container outer wall faces" and "connector end wall faces" are not defined in the specification.

Claim Objections

Claim 15 is objected to because of the following informalities: On the last line of claim 15, it appears that "end wall" should be --inner wall--as it is the inner wall 19b that engages the first outer flange 42 (see page 4, lines 17-19 and Figures 5 & 6). Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-14, 18, 19 and 21-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walz et al. (hereinafter Walz, as cited Applicant) in view of Petrich et al. (hereinafter Petrich). The Walz reference discloses a stored dental composition and the process of making a stored dental product comprised of a container 116 having a groove 126 therein (for opening the container) for a dental composition 114 wherein the make-up of the container and composition are as claimed and the process is as claimed. Although the Walz reference does not disclose an implement having an elongated arm with an applicator disposed in the container, attention is directed to the Petrich reference, which discloses another sealed container for storing dental composition (see column 4, lines 7-11) wherein the container includes a implement having an elongated arm 26 and an applicator 22 in order to enable the user to apply the composition after the container has been ruptured at 28. Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to mount such an implement onto the element 118 in the Walz reference in order to enable a user to conveniently apply the composition after the container has been ruptured at 126.

Allowable Subject Matter

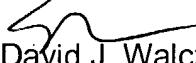
Claims 15-17 and 20 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David J. Walczak whose telephone number is 703-308-0608. The examiner can normally be reached on Mon-Thurs, 6:30- 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg L. Huson can be reached on 703-308-2580. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David J. Walczak
Primary Examiner
Art Unit 3751

DJW
12/3/04